

PATENT NUMBER

## U.S. UTILITY Patent Application

PD O.I.P.E. PATENT DATE  
SCANNED 9/12/04 CR

|                              |            |              |                 |                  |                     |
|------------------------------|------------|--------------|-----------------|------------------|---------------------|
| APPLICATION NO.<br>09/544253 | CONT/PRIOR | CLASS<br>705 | SUBCLASS<br>208 | ART UNIT<br>2701 | EXAMINER<br>ANTHONY |
|------------------------------|------------|--------------|-----------------|------------------|---------------------|

## APPLICANTS

Gopal Parupudi  
Stephen Evans  
Burdette Holtgrewe  
Edward Reus

**TITLE**

## Context aware systems and methods utilizing hierarchical tree structures

PTO-2040  
12/99

| ISSUING CLASSIFICATION       |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|------------------------------|--|----------|--|--------------------|-----------------------------------|--|--|--|--|--|--|--|
| ORIGINAL                     |  |          |  | CROSS REFERENCE(S) |                                   |  |  |  |  |  |  |  |
| CLASS                        |  | SUBCLASS |  | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |
|                              |  |          |  |                    |                                   |  |  |  |  |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|   |   |                    |                   |                                   |                             |
|---|---|--------------------|-------------------|-----------------------------------|-----------------------------|
| <input type="checkbox"/> <b>TERMINAL<br/>DISCLAIMER</b>   | <b>DRAWINGS</b>                                       |                    |                   | <b>CLAIMS ALLOWED</b>             |                             |
|   | <b>Sheets Drwg.</b>                                   | <b>Figs. Drwg.</b> | <b>Print Fig.</b> | <b>Total Claims</b>               | <b>Print Claim for O.G.</b> |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____<br>_____<br>_____ |   |                    |                   | <b>NOTICE OF ALLOWANCE MAILED</b> |                             |
|   | _____<br>(Assistant Examiner)                  (Date) |                    |                   |                                   |                             |
|   |   |                    |                   | <b>ISSUE FEE</b>                  |                             |
|   |   |                    |                   | <b>Amount Due</b>                 | <b>Date Paid</b>            |
|   |   |                    |                   | <b>ISSUE BATCH NUMBER</b>         |                             |
|   | _____<br>(Primary Examiner)                  (Date)   |                    |                   |                                   |                             |
| <input type="checkbox"/> The terminal ____ months of this patent have been disclaimed.  | _____<br>(Legal Instruments Examiner)      (Date)     |                    |                   |                                   |                             |

**WARNING:**

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Release outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

**BEST AVAILABLE COPY**

(FACE)